

CORRECTED VERSION

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
28 December 2000 (28.12.2000)

PCT

(10) International Publication Number
WO 00/78429 A3

- (51) International Patent Classification⁷: **B01D 35/30**, 63/08
- (21) International Application Number: PCT/US00/17076
- (22) International Filing Date: 21 June 2000 (21.06.2000)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 60/140,408 22 June 1999 (22.06.1999) US
- (71) Applicant (for all designated States except US): **MILLIPORE CORPORATION** [US/US]: 80 Ashby Road, Bedford, MA 01730 (US).
- (71) Applicants and
(72) Inventors: **BARTLETT, Andrew** [US/US]: 55 Oak Street, Lowell, MA 01852 (US). **CHISHOLM, Mark** [US/US]: 157 Salem Street #3, Boston, Massachusetts 02113 (US).
- (74) Agent: **HUBBARD, John, Dana**; Millipore Corporation, 80 Ashby Road, Bedford, MA 01730 (US).
- (81) Designated States (*national*): AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.
- (84) Designated States (*regional*): European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).
- Published:
— with international search report
- (88) Date of publication of the international search report: 18 October 2001
- (48) Date of publication of this corrected version: 27 June 2002
- (15) Information about Correction:
see PCT Gazette No. 26/2002 of 27 June 2002, Section II
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

RECEIVED

JUL 15 2002

LEGAL DEPT.

MCA - 460 PC

Docketed By:	KA 7-15-02
Due Date:	
Reminder (s)	
Action Due:	
In Database	

(54) Title: FILTRATION DEVICES COMPRISING A SEALING GASKET

(57) Abstract: The present invention relates to the formation of a gasket, sealing area or O-ring, such as a gasket on a screen for a filtration module such as a TFF or NF cassette or an O-ring on the outlet of a filter cartridge wherein the seal is proud of at least one surface of the screen. Preferably, the seal is molded to the filter component, more preferably it is injection molded to the component. The seal may be formed of any elastomeric material such as thermoplastic, thermoplastic elastomers, thermosets and rubber, both natural and synthetic. The molded seal provides better sealing, allows for a variation in heights and geometries, and provides better cleanliness and lower extractables than the currently used adhesives or conventional gaskets or O-rings.

WO 00/78429 A3